

ABSTRACT OF THE DISCLOSURE

A balanced amplifier comprising a pair of voltage-to-current converters including a first input terminal, a second input terminal, a first output terminal and a second output terminal to convert an input voltage applied to the first input terminal into an output current output from each of the first output terminal and the second output terminal, the second input terminal and the second output terminal of one of the converters being connected to the second input terminal and the second output terminal of the other of the converters to cancel common-mode components each other and extract differential-mode components.